

US009408766B2

# (12) United States Patent Capilla

# (10) Patent No.:

US 9,408,766 B2

(45) **Date of Patent:** 

Aug. 9, 2016

## (54) PATIENT TRANSPORT VEHICLE

(71) Applicant: Jorge Horacio Capilla, Olavarria (AR)

(72) Inventor: Jorge Horacio Capilla, Olavarria (AR)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 464 days.

(21) Appl. No.: 14/068,392

(22) Filed: Oct. 31, 2013

(65) Prior Publication Data

US 2015/0113727 A1 Apr. 30, 2015

(51) **Int. Cl. A61G** 7/**10** ( **A61G** 1/02 (

(2006.01) (2006.01)

(52) U.S. Cl.

(58) Field of Classification Search

CPC . A61G 7/1017; A61G 7/1019; A61G 7/1046; A61G 7/1055; A61G 7/1057; A61G 7/1061; A61G 7/10; A61G 7/1013; A61G 1/0212; A61G 2203/12

See application file for complete search history.

# (56) References Cited

#### U.S. PATENT DOCUMENTS

2,666,930	A *	1/1954	Lenahan A61G 7/053
7,373,704	B1 *	5/2008	5/86.1 Blacklock A61G 7/1015
8,060,958	B1*	11/2011	27/28 Hough A61G 7/1017 5/83.1
2007/0000049	A1*	1/2007	White A61G 7/1015 5/84.1
2010/0000015	A1*	1/2010	Althaus A61G 7/1015 5/83.1
2010/0115695	A1*	5/2010	White A61G 7/1015 5/81.1 R
2014/0137323	A1*	5/2014	Fernie

<sup>\*</sup> cited by examiner

Primary Examiner — David E Sosnowski (74) Attorney, Agent, or Firm — Donald J. Ranft; Kristen A. Mogavero; Collen IP

### (57) ABSTRACT

A patient transport vehicle including lower chassis mounted on wheels in the bed supported by a column mounted on the lower chassis. A lift cart is supported by towers mounted on the lower chassis with a section configured to rise out from the top of each tower. A lift cart actuator is utilized to raise and lower the inner section of each tower thereby raising and lowering the lift cart. A swing mechanism is mounted on the lift cart with a swing actuator to control its movement. Two or more hangers are attached swing mechanism and utilized to support a patient wrapped in a patient support pad.

# 11 Claims, 7 Drawing Sheets

